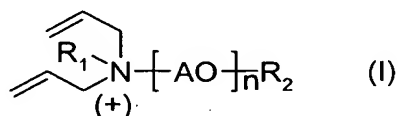


We claim:-

1. A water-soluble or water-dispersible polymer comprising
  - (a) at least one alkoxyated diallylamine derivative (monomer A),
  - (b) at least one ethylenically unsaturated mono- or dicarboxylic acid, the anhydrides thereof or mixtures thereof (monomer B) and
  - (c) if required, one or more further ethylenically unsaturated monomers C.
2. A polymer as claimed in claim 1, wherein at least one compound of the formula I

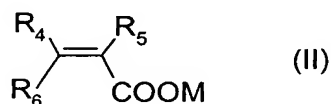


where

- AO is a C<sub>1</sub>-C<sub>12</sub>-alkylene oxide, styrene oxide or a mixture of two or more types thereof, it being possible for the two or more types to be attached to one another in block form or in random form,
- n is an integer from 2 to 200
- R<sub>1</sub> is hydrogen, C<sub>1</sub>-C<sub>20</sub>-alkyl, C<sub>5</sub>-C<sub>10</sub>-cycloalkyl or an unsubstituted or substituted benzyl radical and
- R<sub>2</sub> is hydrogen, C<sub>1</sub>-C<sub>30</sub>-alkyl, C<sub>5</sub>-C<sub>8</sub>-cycloalkyl, C<sub>6</sub>-C<sub>20</sub>-aryl, C<sub>1</sub>-C<sub>30</sub>-alkanoyl, C<sub>7</sub>-C<sub>21</sub>-aroyl, a sulfuric(mono) ester, a phosphoric ester, NR'R'' or NR'R''R'''<sup>3+</sup> and
- R', R'' and R''', in each case independently of one another, may be identical or different and are hydrogen, a straight-chain or branched C<sub>1</sub>-C<sub>20</sub>-alkyl radical or a straight-chain or branched C<sub>1</sub>-C<sub>20</sub>-hydroxyalkyl radical,

is used as monomer A.

3. A polymer as claimed in claim 1, wherein at least one compound of the formula II or the anhydrides thereof



where

R<sub>4</sub> and R<sub>5</sub>, independently of one another, may be either identical or different and are hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl,

R<sub>6</sub> is hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl or a COOM group and

5 M is hydrogen, a monovalent or divalent metal ion, ammonium or an organic ammonium ion,

is or are used as monomer B.

- 10 4. A polymer as claimed in any of claims 1 to 3, wherein the molar ratio of the monomers A to the monomers B is from 1 : 1 to 1 : 6.
5. A polymer as claimed in any of claims 1 to 4, wherein the molar ratio of the monomers A to the monomers B is from 1 : 2 to 1 : 5.
- 15 6. A polymer as claimed in any of claims 1 to 5, wherein the weight average molecular weight M<sub>w</sub> of the polymers is from 1000 to 100 000.
- 20 7. A polymer as claimed in any of claims 1 to 6, which has a K value of from 20 to 50.
8. A polymer as claimed in any of claims 1 to 7, obtainable by free radical polymerization of the monomers A with monomers B and, if required, further monomers C.
- 25 9. The use of a polymer as claimed in any of claims 1 to 8 as an additive in mineral building materials, in detergents or in cosmetic compositions.
10. The use of a polymer as claimed in claim 9 as an additive in mineral building materials.
- 30 11. The use as claimed in either of claims 9 and 10, the monomer mixture to be polymerized containing
- 35 1-70 mol% of monomer A,  
10-99 mol% of monomer B and  
0-50 mol% of monomer C.
12. A cement dispersant comprising at least one polymer as claimed in any of claims 1 to 8.
- 40

13. A mineral building material comprising cement, water, at least one polymer as claimed in any of claims 1 to 8 and further conventional additives.